

RECEIVED  
CENTRAL FAX CENTER

MAR 19 2007

DOCKET NO.: 05-03-005  
APPLICATION NO.: 10/717,273  
PATENT

REMARKS

Claims 1-30 are pending in the application.

Claims 9-30 have been allowed.

Claims 1-8 have been rejected.

Reconsideration of the claims is respectfully requested.

**I. CLAIM REJECTIONS -- 35 U.S.C. § 112**

Claims 1-8 were rejected under 35 U.S.C. § 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention. This rejection is respectfully traversed.

This rejection is based on a misreading or mistaken analysis of the claim language.

With regard to claim 1, as described above, in some embodiments, the specification describes that the traversing is guided by the face normal at a point projected from a point on the surface element, and by the topology of the tetrahedral elements in the mesh. At any rate, the language of claim 1 is clear and definite, and describes the steps of this embodiment clearly, and would be clearly understood by one of ordinary skill in the art. This rejection appears to be based on the same mistaken analysis as above, and is traversed.

Claims 2-8 depend from claim 1.

Accordingly, the Applicant respectfully requests the Examiner to withdraw the § 112 rejection.

All rejections are traversed; prompt reconsideration and allowance are respectfully requested.

RECEIVED  
CENTRAL FAX CENTER

MAR 19 2007

DOCKET NO.: 05-03-005  
APPLICATION NO.: 10/717,273  
PATENT

CONCLUSION

As a result of the foregoing, the Applicant asserts that the remaining Claims in the Application are in condition for allowance, and respectfully requests an early allowance of such Claims.

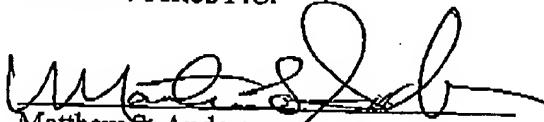
If any issues arise, or if the Examiner has any suggestions for expediting allowance of this Application, the Applicant respectfully invites the Examiner to contact the undersigned at the telephone number indicated below or at [manderson@munckbutrus.com](mailto:manderson@munckbutrus.com).

The Commissioner is hereby authorized to charge any additional fees connected with this communication or credit any overpayment to Deposit Account No. 50-0208.

Respectfully submitted,

MUNCK BUTRUS P.C.

Date: 3/19/07



Matthew S. Anderson  
Reg. No. 39,093

P.O. Drawer 800889  
Dallas, Texas 75380  
Phone: (972) 628-3600  
Fax: (972) 628-3616  
E-mail: [manderson@munckbutrus.com](mailto:manderson@munckbutrus.com)